

REMARKS

In the Office Action mailed 1 December 2006, the Examiner rejected claims 1-50. By way of the foregoing amendments, minor corrections have been made to the specification and the claims have been amended by canceling claim 43 and revising claims 1-7, 13, 25, 29-30, 42, and 44-49. After entry of the foregoing claim amendments, claims 1-42 and 44-50 are currently pending in the above-identified application. Reconsideration is respectfully requested in light of the foregoing amendments and the following remarks. The foregoing amendments and following remarks are believed to be fully responsive to the Office Action mailed 1 December 2006 and render all currently pending claims at issue patentably distinct over the cited references

I. Claim and Specification Objections

The Examiner objected to claims 2-23, 25-41 and 43-50 due to informalities. Specifically, the Examiner objected to the “intermode” misspelling of “internode” in the claims. Furthermore, the Examiner required correction of this misspelling in the specification.

In response to these objections, “internode” has been replaced at each occurrence of the “intermode” in claims 2-7, 13, 25, 29-30, and 44-49. In addition, paragraphs 0043 and 0044 of the original specification have also been amended to correct this typographical error. Accordingly, the Examiner is requested to withdraw the objections to claims 2-23, 25-41 and 43-50.

II. Rejections Under 35 U.S.C. 102 and 35 U.S.C. 103

The Examiner rejected 1-6, 9-29, and 32-48 under 35 U.S.C. §102(b) as being anticipated by International Publication Number WO 01/26335 A2 as published on 12 April 2001 and identifying Gelvin et al as the inventors (hereinafter referred to as “Gelvin”). In addition, the Examiner rejected claims 7, 30, and 49 under 35 U.S.C. §103(a) as being unpatentable over Gelvin in view of U.S. Patent Application Number 20040139477 as published 15 July 2004 and identifying Russell et al (hereinafter referred to as “Russell”). Applicant respectfully traverses these rejections.

It is respectfully submitted that Gelvin does not teach, disclose or suggest each and every element of the claimed invention. For example, Gelvin fails to teach, disclose, or suggest that any single node has an “internode transceiver for wireless communication between nodes,” “a wireless network transceiver for wireless communication with one or more wireless devices,” and “one or more sensors” as recited in independent claims 1, 24, and 42. At best, Gelvin discloses that sensor nodes that can include any combination of actuators, sensors, signal processors, energy or power supplies, data storage devices, wireless communication devices, wireline communication devices, and self-location capabilities (*see* FIG. 8; page 15, lines 10-14), but does not provide for any particular node configuration that would teach, disclose or otherwise suggest the claimed node configuration of an internode transceiver, a wireless network transceiver, and one or more sensors.

In view of the foregoing, it is respectfully submitted that the rejections of independent claims 1, 24, and 42 are improper and Applicant respectfully requests withdrawal of such anticipation rejections based upon Gelvin. In addition, as claims 2-23, 25-41, and 44-50 depend from claims 1, 24, and 42, respectively, it is respectfully submitted that these dependent claims are allowable as being based upon allowable independent claims, including dependent claims 7, 30, and 49 rejected as being unpatentable in view of Gelvin and Russell. Accordingly, the Examiner is respectfully requested to withdraw the rejections under 35 U.S.C. 102 and 35 U.S.C. 103.

III. Conclusion

In view of the foregoing, Applicant respectfully submits that the above-identified application is in condition for allowance and Applicant therefore earnestly requests such allowance. Should the Examiner have any questions or wish to discuss the foregoing response and amendment, Applicant requests that the Examiner contact the undersigned at (480) 385-5060.

If for some reason Applicants have not requested a sufficient extension and/or have not paid a sufficient fee for this response and/or for the extension necessary to prevent abandonment on this application, please consider this as a request for an

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extension for the required time period and/or authorization to charge Deposit Account No. 50-2091 for any fee which may be due.

Respectfully submitted,
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